



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/779,722	02/18/2004	Keishi Kimura	118663	1724
25944	7590	05/26/2005		
OLIFF & BERRIDGE, PLC P.O. BOX 19928 ALEXANDRIA, VA 22320			EXAMINER KOVAL, MELISSA J	
			ART UNIT 2851	PAPER NUMBER

DATE MAILED: 05/26/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

**Application No.**

10/779,722

**Applicant(s)**

KIMURA ET AL.

**Examiner**

Melissa J. Koval

**Art Unit**

2851

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 18 February 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date February 18, 2004.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_.

## **DETAILED ACTION**

### ***Specification***

The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-5 and 7 are rejected under 35 U.S.C. 102(b) as being anticipated by Ueyama et al. U.S. Patent 6,467,911 B1.

With respect to the following claims, see Figures 8, 9, 42 through 45, 47 and 55 of '911 B1, for example.

Claim 1 sets forth: "A rear projection television (projector 202) including a screen panel (screen 250) disposed at the front of a body of the rear projection television, for receiving projection light projected from behind for image display (See modulation section 230 and projection section 240.), to thereby display an image thereon, a light source lamp removably disposed within the body (replaceable lamp 321 at position B), for projecting the projection light, and a working door provided for the body (door 211), the rear projection television comprising:

a detector section that detects opening of the working door and outputs a detection signal (See door state sensor 263. Also see LEDs 268 and 269 used for warning indications.);

an illumination lamp disposed within the body, for illuminating an inside of the body (replaceable lamp 321 at position A); and

a control section that causes the illumination lamp to light when the detection signal is outputted by the detector section (controller 271)."

Claim 2 sets forth: "A rear projection television as claimed in claim 1, wherein the working door is arranged for opening and closing a replacement work opening formed in the body for replacement of the light source lamp, and

wherein the illumination lamp illuminates an area around the light source lamp."  
See column 36, lines 45 through 64.

Claim 3 sets forth: "A rear projection television as claimed in claim 1, wherein the control section stops supply of electric power to the light source lamp when the detection signal is outputted by the detector section." See column 36, lines 29 through 67, and column 37, lines 1 through 5.

Claim 4 sets forth: "A rear projection television as claimed in claim 1, wherein the control section causes the illumination lamp to flash when the detection signal is outputted by the detector section in a state where electric power is supplied to the light source lamp." See the flowcharts of Figures 43, 44 and 45.

Claim 5 sets forth: "A rear projection television as claimed in claim 4, wherein the illumination lamp is capable of emitting red light."

The light source 321 cooperates with other elements of the apparatus to emit red, green or blue light. See column 38, lines 22 through 36.

Or in another interpretation of the plain language of the claim, one having ordinary skill in the art recognizes that a dimming bulb at the end of its life would grow increasingly red before dying. See Figure 8 of '911 B1. See the color temperature graph of Figure 55.

Claim 7 sets forth: "A rear projection television as claimed in claim 1, comprising a main power supply for supplying electric power to the light source lamp, and an auxiliary power supply for supplying electric power to the illumination lamp, and wherein the auxiliary power supply is capable of storing electric charge." The presence of multiple power sources is discussed with respect to Figure 9, for example. See first power source 53 and second power source 54.

### ***Allowable Subject Matter***

Claim 6 objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The following is a statement of reasons for the indication of allowable subject matter: The prior art of record neither shows nor suggests the presence of a solid state light source for the purpose of an illumination lamp as set forth in claim 6.

### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Kimura U.S. Patent 6,860,608 B2 teaches a rear projection display.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Melissa J. Koval whose telephone number is (571) 272-2121. The examiner can normally be reached on Monday through Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Judy Nguyen can be reached on (571) 272-2258. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

MJK

A handwritten signature in black ink, appearing to read "Melissa J. Koval". The signature is stylized with a large, looping initial "M" and "J".